

Flood Control Project Maintenance
2012 Structure Summary Report
Overall Unit and Item Ratings

Reclamation District No. 2063 Crows Landing

Reclamation District No. 2063 Pumping Plant (Nelson Drain)

Overall Unit Rating	Rated Item	Item Rating
U	Operating Log	U
	Operation & Maintenance Manual	U
	Plant Building	A
	Communications	U
	Safety	A
	Cranes	N
	Pumps	U
	Power	A
	Motors, Engines, Fans & Gear Reducers	U
	Pump Control Systems	U
	Sumps/Wet Well	A
	Trash Racks	A
	Trash Rakes	N
	Sluice / Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Flap Gates	N
	Security Fencing	A
	Intake and Discharge Pipes	A
	Photo Documentation	N

Flood Control Project Maintenance**Unit Cover Sheet****2012 Pumping Plant Inspection Results****Reclamation District No. 2063 Crows Landing**

Pumping Plant
Reclamation District No. 2063 Pumping Plant (Nelson Drain)

Pumping Plant Rating	U
Date of Inspection	7/19/2012
DWR Inspector	Pavel Kazi
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2012

Crows Landing

Structure					Structure Length	Inspection Start/End	Inspector
Reclamation District No. 2063 Pumping Plant (Nelson Drain)						07/19/2012 07/19/2012	Pavel Kazi

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1			Pump Stations	Operating Log		U	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The plant building was not accessible to inspect operating log.	37.431070 ° -121.011730 °	37.431070 ° °	1
2			Pump Stations	Operation & Maintenance Manual		U	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The plant building was not accessible to inspect O&M manual.	37.431070 ° -121.011730 °	37.431070 ° -121.011730 °	2
3			Structures	Photo Documentation		N	Inspector Comments: Due to lack of response from the maintaining agency this inspection was not able to be completed during the summer 2012 season.	° °	° °	3
4			Pump Stations	Plant Building		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The plant building appeared to be in good structural condition.	° °	° °	4 Y
5			Pump Stations	Cranes		N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: This item does not exist at this location.	° °	° °	5
6			Pump Stations	Safety		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: There was no any significant safety hazard present outside of the pumping plant during inspection.	° °	° °	6
7			Pump Stations	Pumps		U	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pumps were not operated during inspection due to inability to enter the pumping plant.	° °	° °	7 Y
8			Pump Stations	Motors, Engines, Fans & Gear Reducers		U	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pumping plant was not accessible to inspect motors and pumps.	° °	° °	8
9			Pump Stations	Power		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The power source appeared to be safe and adequate.	° °	° °	9 Y
10			Pump Stations	Pump Control Systems		U	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Pump control systems were not inspected since the pumping plant was not accessible.	° °	° °	10

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2012

Crows Landing

Structure						Structure Length	Inspection Start/End	Inspector
Reclamation District No. 2063 Pumping Plant (Nelson Drain)							07/19/2012 07/19/2012	Pavel Kazi

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
11			Pump Stations	Sluice / Slide Gates		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The slide gate appeared to be in working condition.	°	°	11 Y
12			Pump Stations	Sumps/Wet Well		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The sump well was free of any debris.	°	°	12 Y
13			Pump Stations	Trash Racks		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The trash racks appear to be fastened in place and in working condition.	°	°	13 Y
14			Pump Stations	Trash Rakes		N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Trash rakes were not present at this plant.	°	°	14
15			Pump Stations	Electric Gate Operators		N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: This item doesn't exist at this plant.	°	°	15
16			Pump Stations	Flap Gates		N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Flap gate was not visible during inspection.	°	°	16
17			Pump Stations	Manual Gate Operators		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual gate operator appears to be in working condition.	°	°	17 Y
18			Pump Stations	Security Fencing		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Security fencing was in good condition and appeared to provide protection against unauthorized access.	°	°	19 Y
19			Pump Stations	Intake and Discharge Pipes		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The intake and discharge pipes appeared to be in good condition.	°	°	20 Y
20			Pump Stations	Communications		U	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: This item was not inspected because the pumping plant was not accessible.	°	°	22

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2012

Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Reclamation District No. 2063 Pumping Plant (Nelson Drain)		07/19/2012 07/19/2012	Pavel Kazi

Levee Mile Report Line	4
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Plant Building

View of the pumping plant.

pkazi_t_20120806_155.jpg



Levee Mile Report Line	7
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Pumps

View of the pumps at the plant.

pkazi_t_20120806_156.jpg



Levee Mile Report Line	9
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Power

View of the power sources for the pumping plant.

pkazi_t_20120806_157.jpg



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Levee Mile Report Line	11
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Sluice / Slide Gates
View of the slide gates at the pumping plant.	
pkazi_t_20120810_158.jpg	



Levee Mile Report Line	12
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Sumps/Wet Well
View of the wet well.	
pkazi_t_20120810_159.jpg	



Levee Mile Report Line	13
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Trash Racks
View of the trash rack.	
pkazi_t_20120810_160.jpg	

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Levee Mile Report Line	17
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Manual Gate Operators

View of the manual gate operator.

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Levee Mile Report Line	18
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Security Fencing

View of the security fencing.

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Levee Mile Report Line	19
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Intake and Discharge Pipes

View of the pipes at the plant.

pkazi_t_20120810_163.jpg



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